

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039297.D
 Acq On : 26 Jan 2019 5:11
 Operator : JU/SJ
 Sample : K1238-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1

Quant Time: Jan 28 04:02:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	12682	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	50210	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43290	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	100877	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	129804	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	116503	174.27	ng	0.00
7) Phenol-d6	7.17	99	121300	126.08	ng	0.00
23) Nitrobenzene-d5	9.18	82	92005	100.27	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	88273	121.65	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	261619	82.71	ng	0.00
79) Terphenyl-d14	20.00	244	589098	92.65	ng	0.00

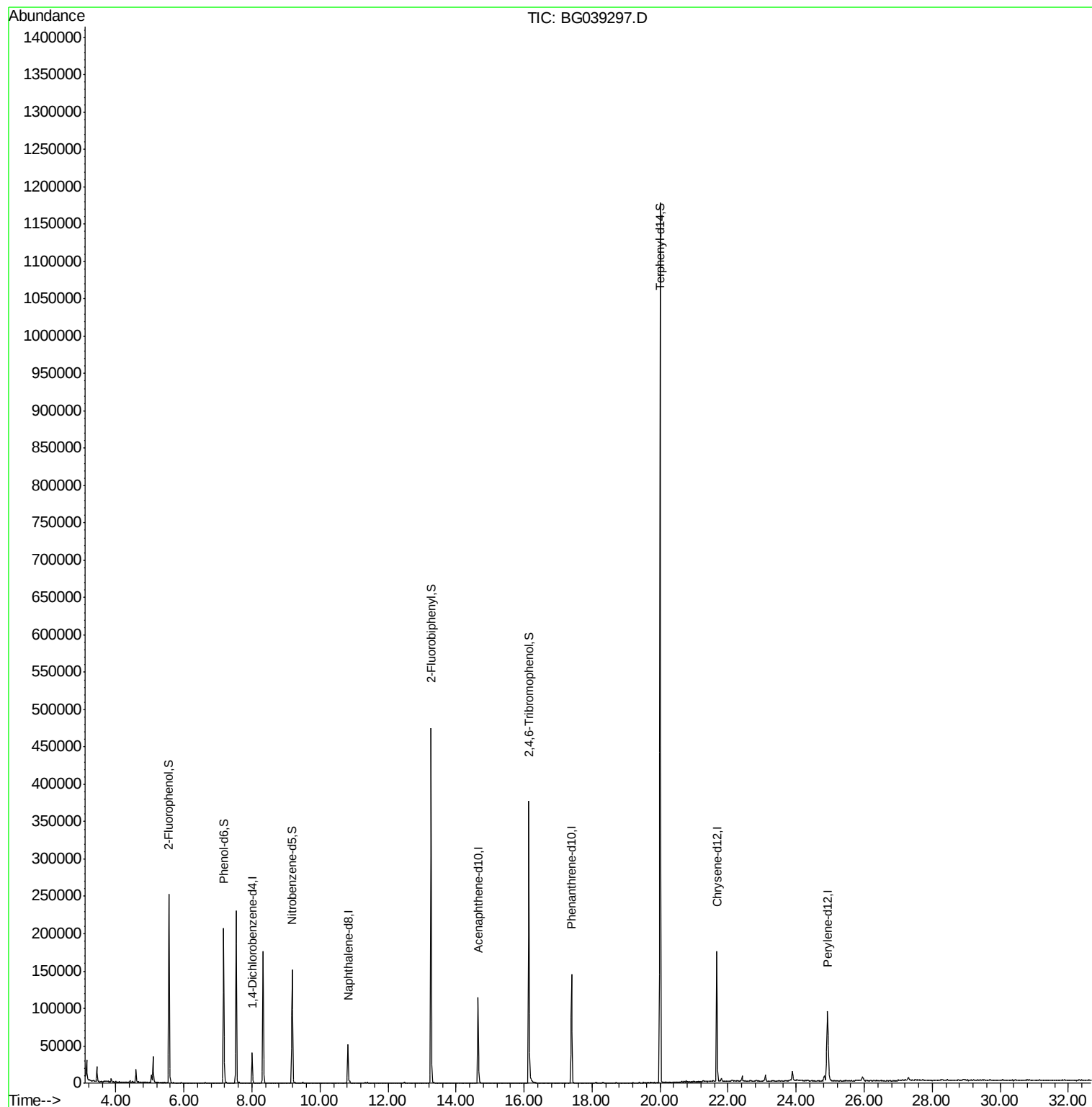
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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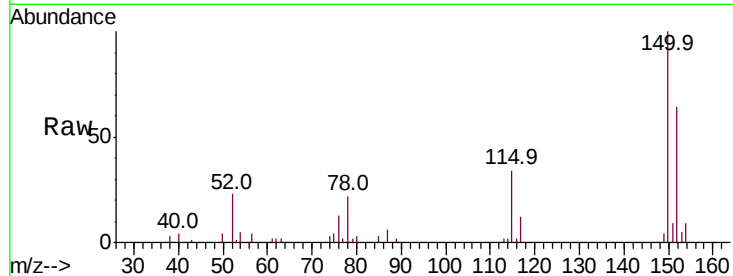


#1

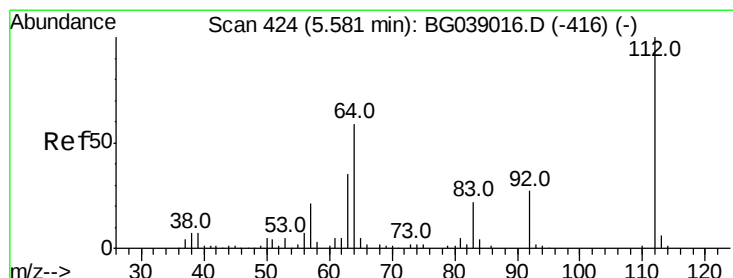
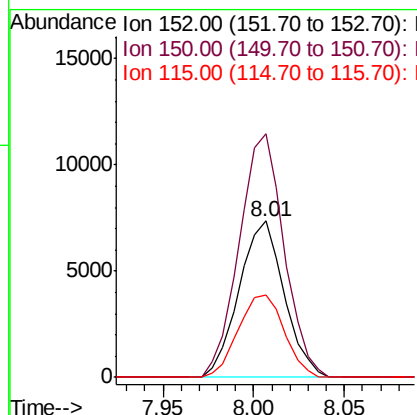
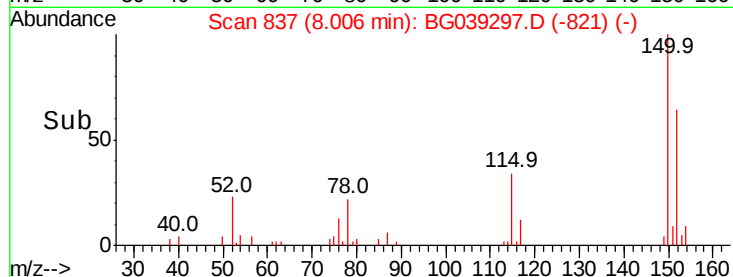
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

Instrument :
BNA_G
ClientSampled :
S1

Tot Ion:152 Resp: 12682
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 52.5 46.5 69.7



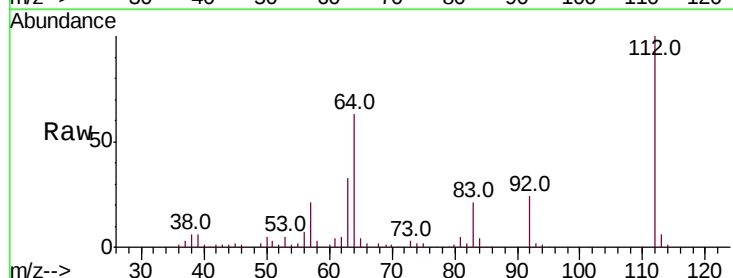
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



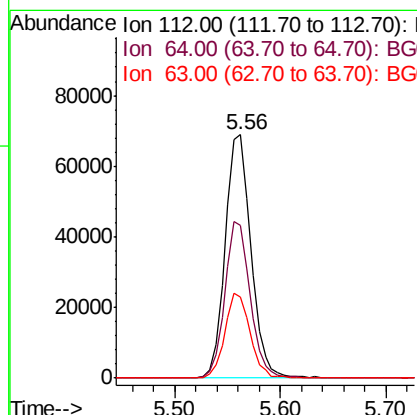
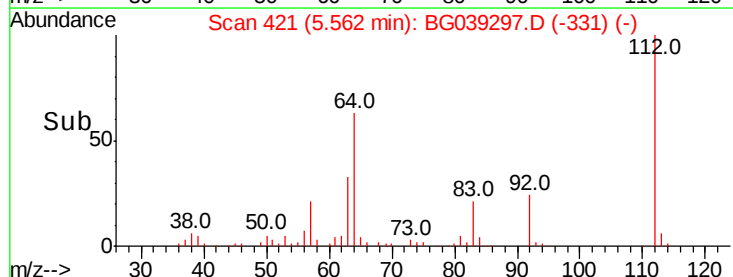
#5

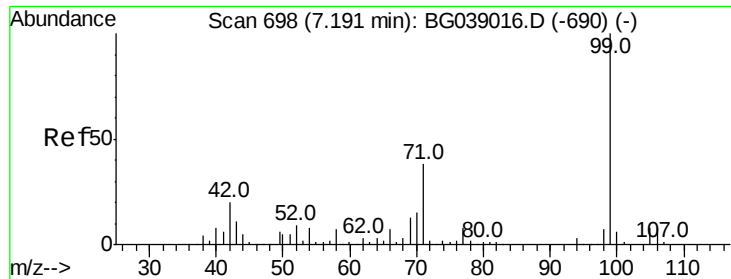
2-Fluorophenol
Concen: 174.266 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039297.D
Acq: 26 Jan 2019 5:11

Tgt Ion:112 Resp: 116503
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 33.3 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.077 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Instrument :

BNA_G

ClientSampleId :

S1

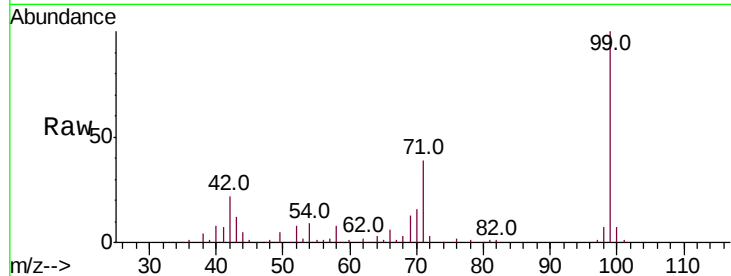
Tot Ion: 99 Resp: 121300

Ion Ratio Lower Upper

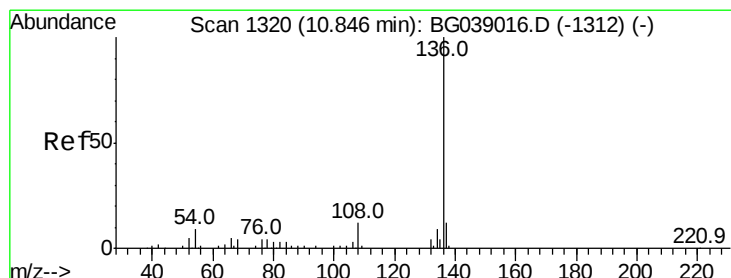
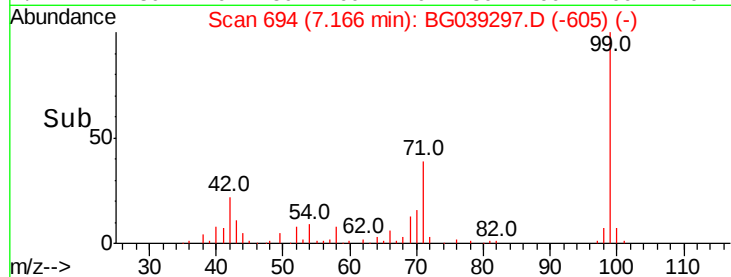
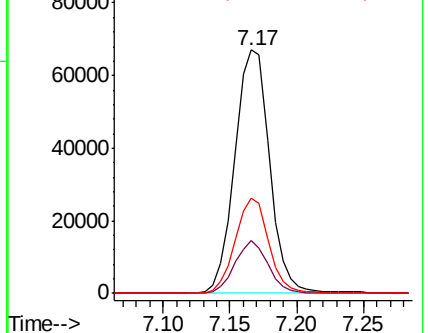
99 100

42 21.8 15.8 23.6

71 39.0 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Tgt Ion: 136 Resp: 50210

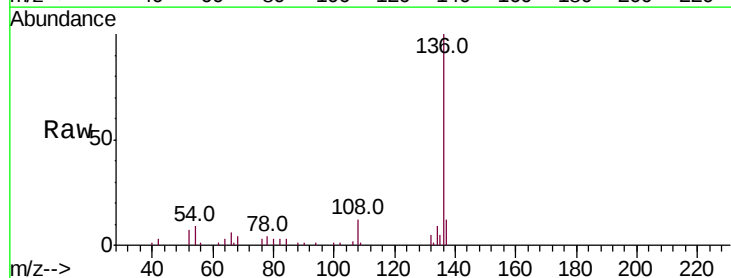
Ion Ratio Lower Upper

136 100

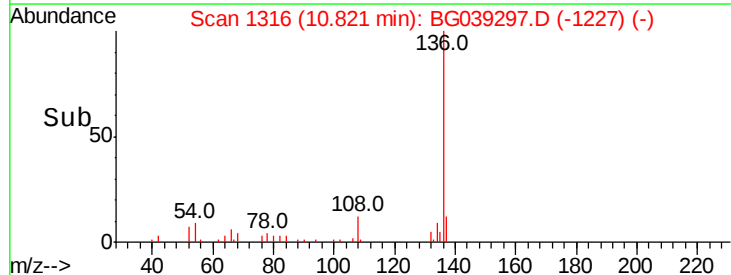
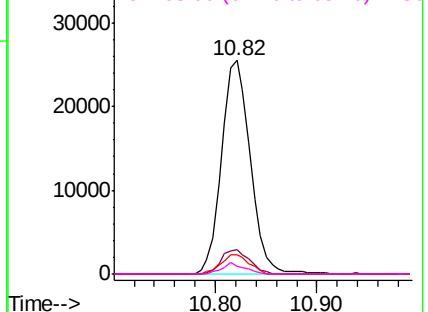
137 11.6 9.4 14.2

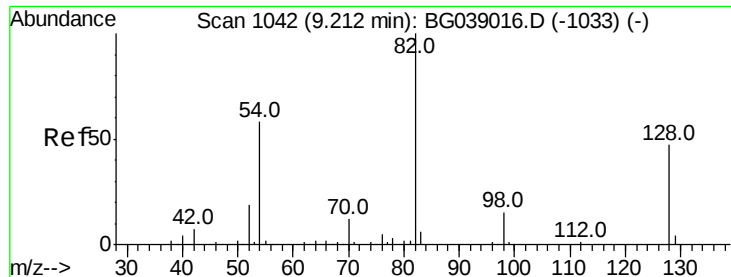
54 8.9 7.2 10.8

68 3.7 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

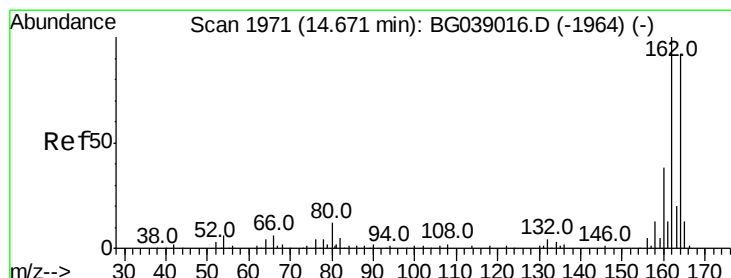
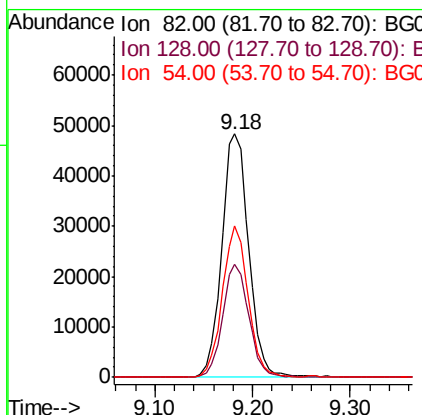
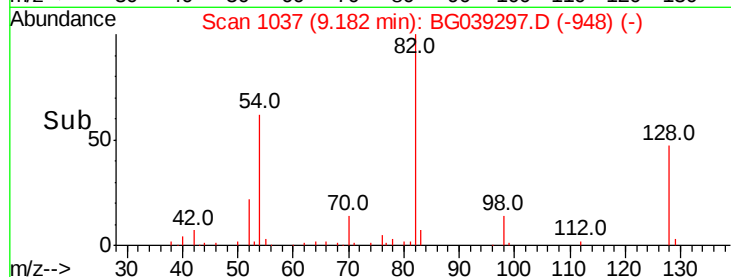
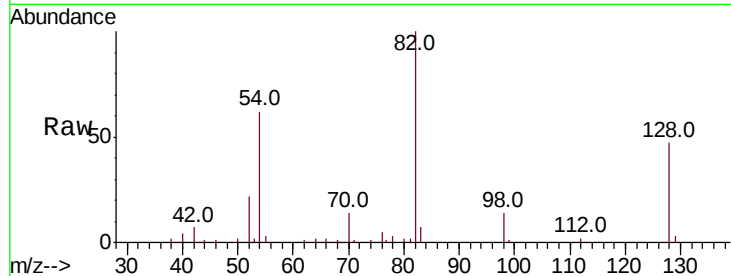




#23
 Nitrobenzene-d5
 Concen: 100.268 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

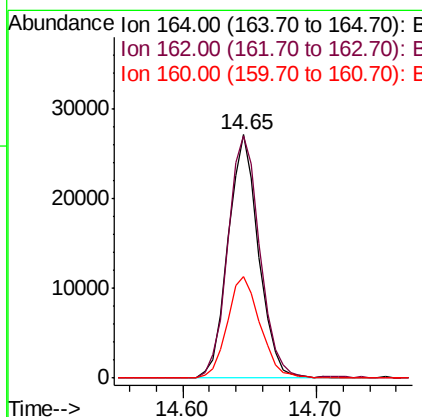
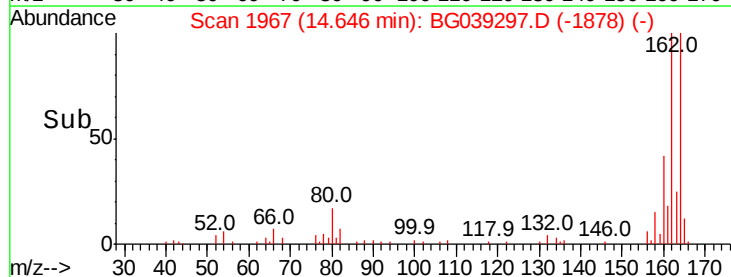
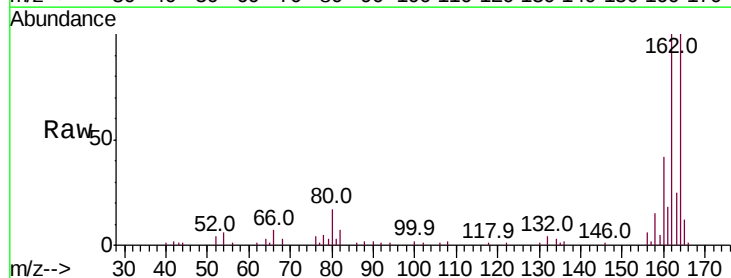
Instrument :
 BNA_G
 ClientSampleId :
 S1

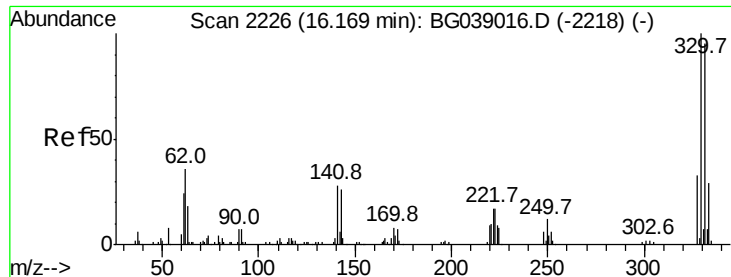
Tot Ion	82	Resp	92005
Ion Ratio	100	Lower	Upper
128	46.6	37.3	55.9
54	62.4	46.4	69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion	164	Resp	43290
Ion Ratio	100	Lower	Upper
162	99.8	87.2	130.8
160	41.8	33.3	49.9

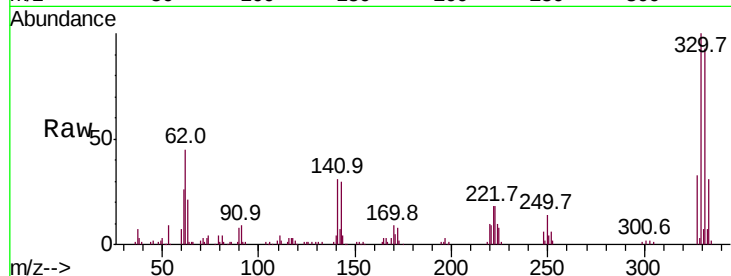




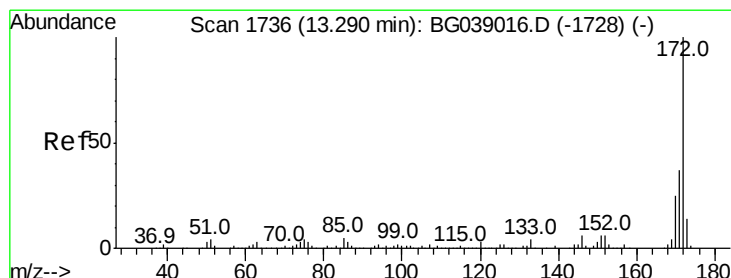
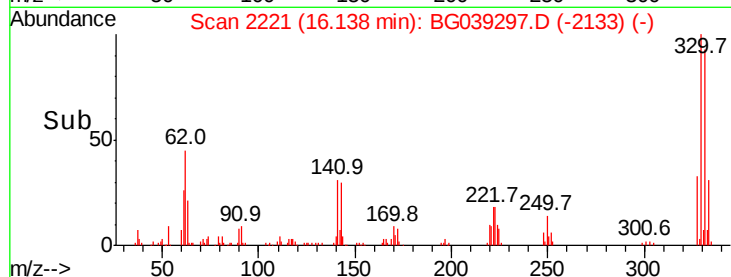
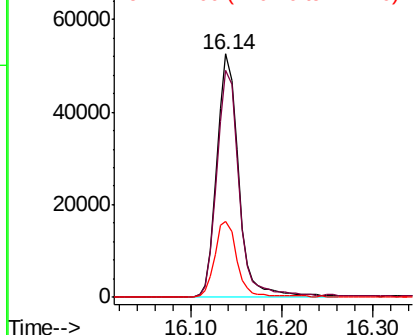
#42
 2,4,6-Tribromophenol
 Concen: 121.645 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Instrument :
 BNA_G
 ClientSampleId :
 S1

Tot Ion:330 Resp: 88273
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.7 113.5
 141 32.0 24.9 37.3

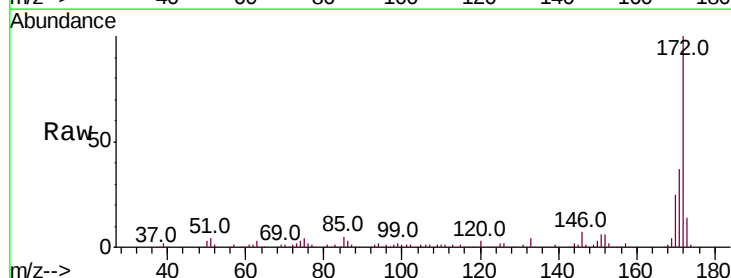


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

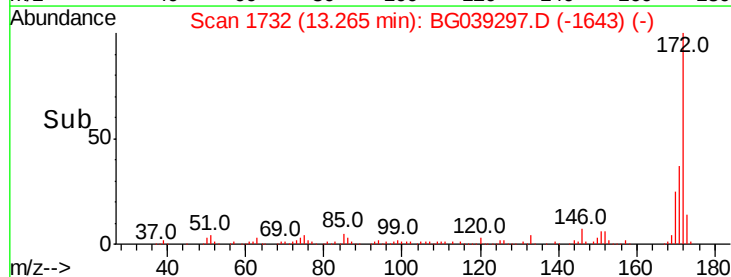
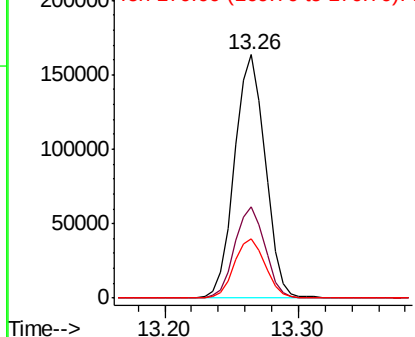


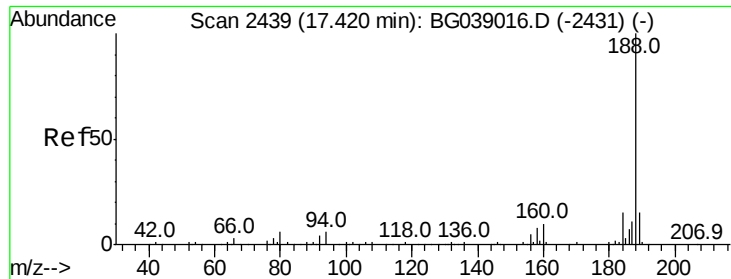
#45
 2-Fluorobiphenyl
 Concen: 82.708 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion:172 Resp: 261619
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 24.5 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

Instrument :

BNA_G

ClientSampleId :

S1

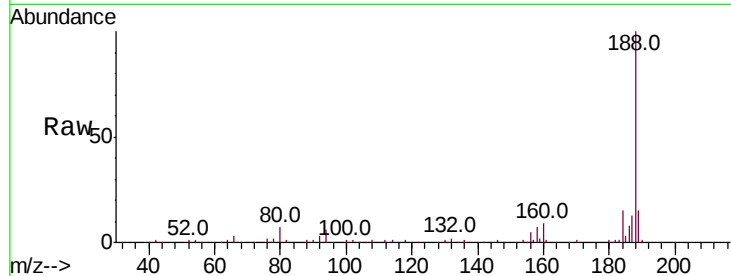
Tot Ion:188 Resp: 100877

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

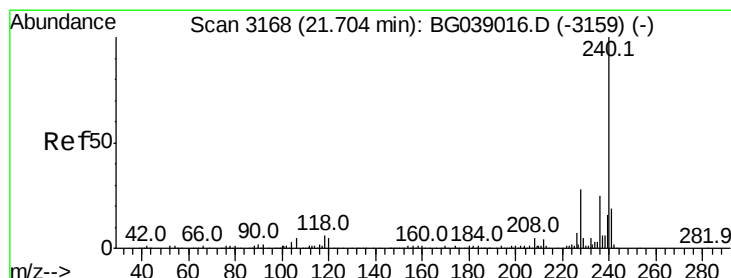
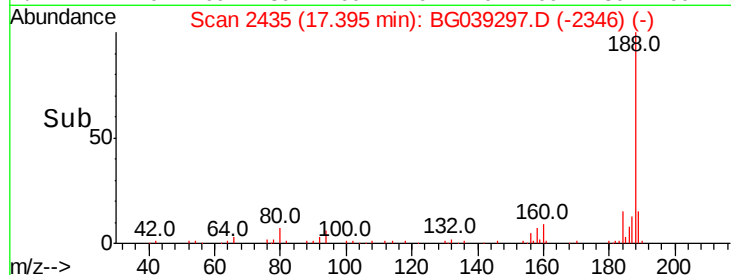
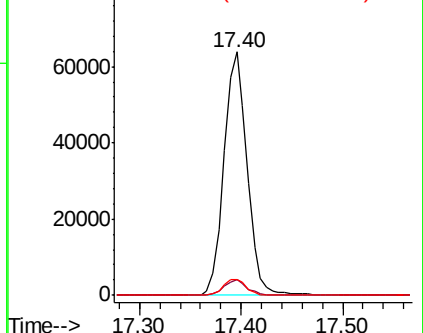
80 6.7 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039297.D

Acq: 26 Jan 2019 5:11

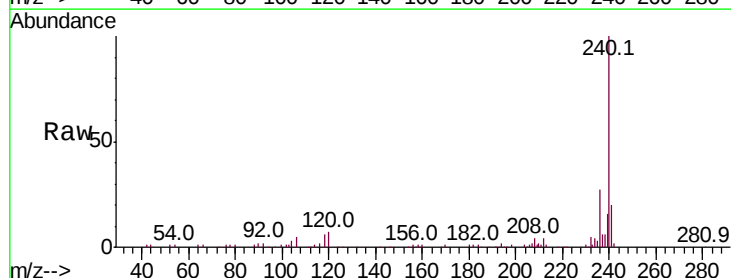
Tgt Ion:240 Resp: 117621

Ion Ratio Lower Upper

240 100

120 7.1 4.3 6.5#

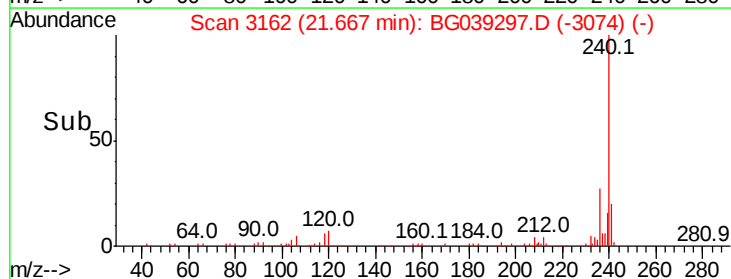
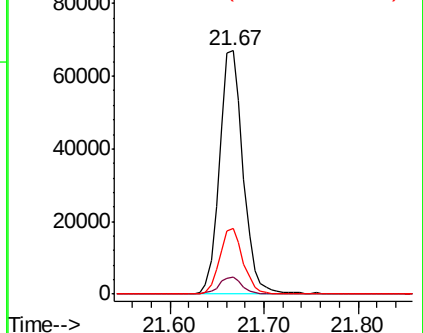
236 26.9 20.1 30.1

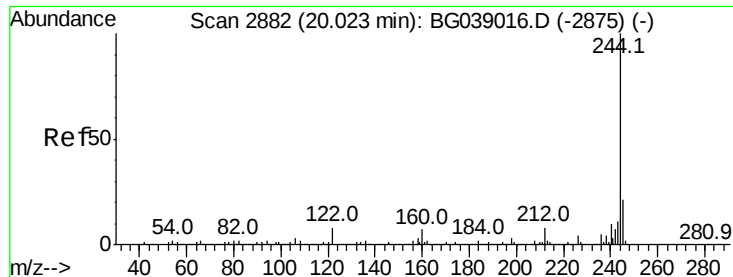


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

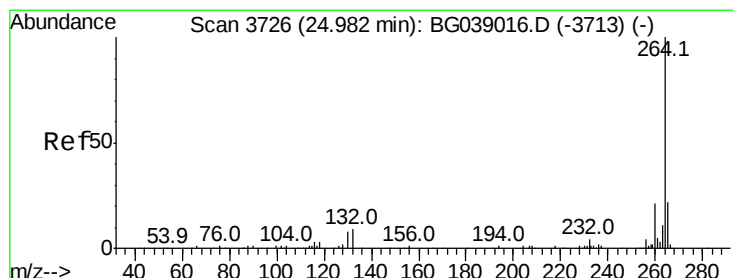
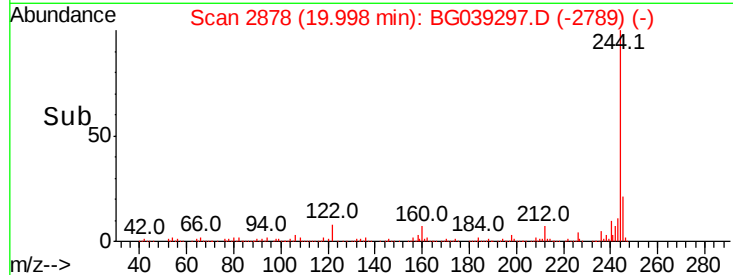
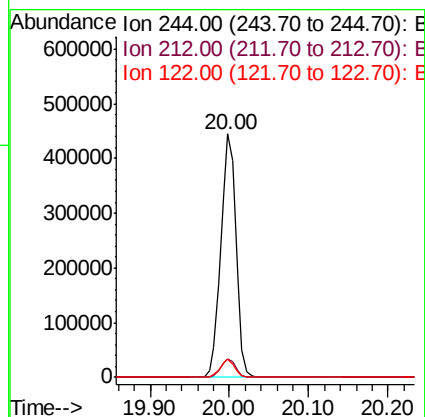
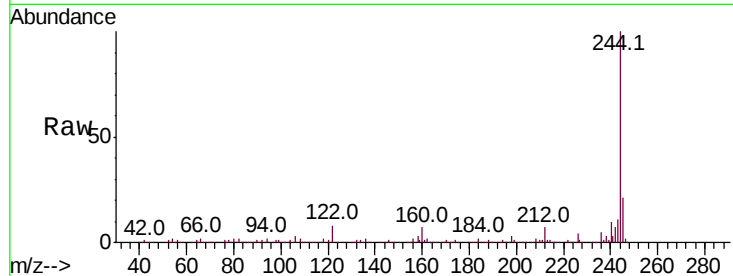




#79
 Terphenyl-d14
 Concen: 92.651 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Instrument :
 BNA_G
 ClientSampleId :
 S1

Tot Ion:244 Resp: 589098
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 7.7 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG039297.D
 Acq: 26 Jan 2019 5:11

Tgt Ion:264 Resp: 129804
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.0 25.6
 265 21.8 17.2 25.8

